



SHOWN IN THE TOP PICTURE ARE 27 MEMBERS OF the newly organized Y-12 Girls Club. After an absence of several years the club is now gaining fast in popularity with the women throughout the plant. Pictured below are the officers of the club. From left are Juanita Pitt, program chairman; Virginia Boswell, vice-president; Sue Wassom, president; and Emma Boyd, secretary and treasurer.

All Y-12ers Are Urged To Attend 'Social' Party Of Girls Club Friday Night At Eagles

An old fashioned "social" and "get acquainted" party is the objective of the newly-formed Y-12 Girls Club in holding its first public gathering set for Friday night of this week. The affair will be held at the Oak Ridge Eagles Club on East Division Road, about two blocks from Oak Ridge Turnpike, starting at 8 o'clock.

All single Y-12ers are urged to attend the party unescorted. All guests will receive name tags and a round-robin of introductions will be held. Newcomers to the Y-12 rolls, both men and women, married or single, young or "just a little older," are especially urged to attend the party as are the "old timers" around the premises. The "get acquainted" theme of the affair is timed to spur attendance at the Christmas Dance-Party arranged by the Recreation

Office for December 18 at the Oak Terrace.

Virginia Boswell, of Planning and Estimating and vice president of the Y-12 Girls Club will be in charge of the party Friday. She will be assisted by Sarah Kerr and Thelma Carnes.

Meanwhile the membership committee of the club is actively campaigning to build up the membership. Evelyn Tucker, of the Cafeteria, is chairman of this committee. A prize of two tickets to the Y-12 Dance Party will be given the Girls Club member turning in the most paid up memberships prior to the dance.

32 Years Of Marriage Brought No Such Confusion To Wife Of Y-12 Guard As Identifying Son Of Y-12er As 'Snicklefritz'

When all the whoopin' and hollerin' about the "Snicklefritz" contest, conducted by Oak Ridge Radio Station WATO, was over last week it was the wife of one Y-12er and the son of another who turned out to be the principal beneficiaries. Mrs. C. H. Nicely, whose husband is a veteran member of the Y-12 Guard Department, won all the loot for guessing the identity of Jay Bowles as "Snicklefritz." The 11-year-old Jay is the son of J. Clyde Bowles, Y-12 Engineering Division Head.

Mrs. Nicely still was in a state of considerable confusion last Friday afternoon when presentation of the many prizes she won was made. The total value of the varied awards was estimated at around \$8,000. Young Bowles was presented with a bicycle for his part—unknown to him—in the "Snicklefritz" contest.

Among the prizes won by Mrs. Nicely were a Pontiac automobile, four television sets, a diamond, dishwasher, watches for her en-

tire family, refrigerator and a vacation trip to Florida.

The winner's husband, the Y-12 guard, probably described his wife's reaction to the windfall as well as anyone. Said he;

"She's not just used to anything like this. It's the first time she ever won anything, and all that stuff has her more confused than she has ever been in our 32 years of married life."

The contest consisted of guessing the identity of "Snicklefritz" from a number of clues given over the radio station.

Dance Party Tickets Now On Sale; Children Parties Being Planned

Applications For Youngsters' Events Pouring In; Bill Dexter's Orchestra To Play For Dance

The Christmas pace is increasing rapidly around the Y-12 Recreation Office in preparing for the Yuletide festivities. The Christmas season is just around the corner and the Recreation Office is trying to complete arrangements for everyone as soon as possible.

The five Christmas parties for the kiddies will be a big attraction for all concerned. The parties will be held at the Oak Ridge High School auditorium on Monday, December 21 and 22 at 10 a.m. and 1 p.m. on both days. Another party for the Gamble Valley children will be held on Tuesday, December 22 at 11 a.m.

The Recreation Office staff has secured the services of Bill Dexter and his well-known orchestra from Knoxville for the Christmas Dance Party, which will be held on Friday, December 18, from 9 p.m. until 1 a.m.

Dexter's orchestra is one of the most popular bands in East Tennessee and is widely known for its wonderful music and entertainment.

Dance Tickets On Sale

Tickets for the Dance Party will sell for \$1 each and may be obtained from members of the Y-12 Girls Club as well as from the following Y-12ers:

R. S. Philippi, Bldg. 9212.
Nelson Tibbatts, Bldg. 9739.
A. F. Kendig, Bldg. 9201-3.
T. A. Williams, Bldg. 9704-2 (cashier's office).
W. S. Herron, Bldg. 9706-1A.
Evelyn Tucker, Bldg. 9711-5 (cafeteria).

Recreation Office, North Portal. Oak Terrace ballroom on night of dance.

Requests Pouring In

Many application blanks began pouring into the Recreation Office last week for tickets to the various children's parties. The first application to be received was from H. F. Ballenger, of the Superintendent's Department, who asked for tickets for his two youngsters, Timothy and Kenneth.

Parents of Y-12 children are urged to, wherever it is possible, to send their children to the parties by themselves or have one of the older children in charge of

Continued on Page 4

CAFETERIA SPECIAL FEATURES MEAT LOAF WITH MUSHROOM GRAVY

The tasty Thursday Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, December 3, will feature meat loaf with mushroom gravy as the entree. The entire lunch costs only 50 cents and includes a vegetable, choice of salad or dessert and rolls and butter.

Camera Club To Hold Election December 8

The last meeting of the year by the Carbide Camera Club, set for next Tuesday night, December 8, will feature the election of officers for the coming year and a black and white print competition, it was announced last week by Janet Cisar, president of the club. The meeting will be held at 7:30 p.m. in the club headquarters in the Y-12 East Portal building and all members of the organization are urged to be present.

May Nominate From Floor

A nominating committee headed by Miss Cisar, a Carbide employee in the Y-12 Plant Area, will submit a slate of candidates at the Tuesday night meeting. Other nominations may be made from the floor if club members so desire.

In addition to Miss Cisar, the retiring officers who have served during 1953 are Robert Freestone, Oak Ridge National Laboratory, vice president; and George Begun, another Carbide employee in the Y-12 Plant Area, secretary-treasurer.

Print Contest Subject "Open"

The photographic print contest will be "open" as to subject, not being limited to any single topic. As a result a varied and excellent collection of entries are expected.

The Carbide Camera Club is composed of amateur photographers from Y-12, K-25 and ORNL. The club members have access to the club rooms, in which considerable equipment for developing film and making prints is available.

BIG ROLE SEEN FOR TANKS

According to the Detroit, Mich., News, Robert T. Keller, general manager of the Chrysler tank arsenal, predicts that tanks will have a greater role in case of atomic warfare. Keller said designs of new tanks makes them better able to withstand an atomic blast and enter bombed territory with relative immunity to radioactivity.

SAFETY SCOREBOARD

Your Plant Has
Operated
Nine Days

Without A Lost Time
Accident

Through November 29

UT Courses Offered Y-12 Shift Employees

Shift employees in Y-12 and other Carbide installations in Oak Ridge soon will have an opportunity to become college students.

George W. Gleaves, University of Tennessee Extension Instruction Coordinator, last week announced a new plan to enable the shift workers to study courses with credit on University of Tennessee degrees in engineering and business administration. The new plan will be started in January.

Double Classes Planned

The plan involves a double section system whereby material presented in a morning class is repeated at an evening session. The shift employee can attend either section, depending on his work schedule. All classes will be held at the Oak Ridge High School.

Courses to be offered will be selected by the shift workers themselves. A survey will be conducted in Y-12 within the next few days when an enrollment form will be circulated. The form will list the courses offered and give other details of the proposed classes.

The new plan was thoroughly discussed at a meeting November 17 of the Oak Ridge Adult Education Program Advisory Council, which with the university authorities is making the new program possible. Representing Y-12 shift employees at this meeting was D. L. Dagley, of the Alloy Division. Loren Lawhorn, of the Training Department, is the Y-12 member of the AEP Council.

The number of classes for shift employees to be formed, of course, depends on the response to the survey now being conducted.

Children's Theater To Give 'Castle Capers' Next Week

A cast of 18 youngsters, most of them children of Carbide employees, will present "Castle Capers" for the Oak Ridge Children's Theater at 2 p.m. Saturday and Sunday, December 12 and 13, at the Jefferson Junior High School auditorium. "Castle Capers" is a play for children and will include a dancing and acrobatic act. Mrs. Marshal Lockhart, wife of George Lockhart, of the Y-12 Planning and Estimating Department, is director of the production. She has staged several plays for the Children's Theater in the past.

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North Portal Bldg. 9701-1
Telephone 7753

Dr. Kasha To Address ACS Body Thursday

The East Tennessee Chapter of the American Chemical Society will hear an address by Dr. Michael Kasha, professor of chemistry at Florida State University, Tallahassee, at its December meeting to be held tomorrow night, Thursday, December 3, in Oak Ridge. The business meeting will be held at 8:30 p.m. in the Woodland School auditorium, which will be preceded by a dinner at 6:45 p.m. at the Oak Terrace.

"Emission Spectroscopy of Complex Molecules" will be the subject of Dr. Kasha's talk. The fundamental basis for interpretation of the electronic transitions in complex molecules from the point of view of the spectroscopist will be discussed.

Dr. Kasha has been with Florida State University since 1951. A native of Elizabeth, N. J., he received his B. S. Degree in Chemistry from the University of Michigan and his Ph.D. Degree in Physical Chemistry at the University of California in 1945. He did plutonium chemistry research work with the Latimer-Eastman Group of the Manhattan District atomic energy project in 1944 until the end of World War II in 1946. He continued his studies after the war at the University of Chicago and Manchester, England, University under fellowships granted by the Atomic Energy Commission and the Guggenheim Foundation.



Congratulations to the following Y-12 employees who became fathers of babies born recently at the Oak Ridge Hospital—

William A. Cortner, Development Division, boy, November 20.
Eugene Clowers, Utilities Maintenance, boy, November 21.

F. A. Higginbotham, Maintenance Shops, boy, November 22.

Daughter Of Y-12er Wins Voice Of Democracy Crown

Miss Rosemary Lockhart, 17, daughter of George Lockhart, of the Y-12 Planning and Estimating Department, is a contestant in the state Voice of Democracy contest conducted by the National Junior Chamber of Commerce and the National Association of Radio and Television Manufacturers. A short essay on "I Speak For Democracy," read over Oak Ridge Radio Station WOKE won Miss Lockhart first place in the local contest and a \$25 defense bond.

A recording of her talk was sent to Nashville to be heard and judged there in competition with winners from other points in the state. The state winner will be entered in a national contest in which four equal winners will be selected, each to win a trip to Washington, D. C., a \$500 scholarship and a television receiver or radio-phonograph set.



INDUSTRIAL RELATIONS DIVISION

The Cafeteria extends sympathy to K. D. Patterson on the recent death of a brother-in-law in Detroit, Mich.—K. D. is spending this week at home in Morristown. . . . A welcome is extended to Bessie Roberts, who is back with the department. . . . Irene Bryan is spending this week's vacation with her folks in Rutherfordton, N. C.

Desma Hutcheson, Wage Standards, along with Evelyn Pharris, Housing and Insurance, and Rhonda Harrell, Superintendent's Department, attended the Tennessee Tech-Middle Tennessee State football game in Murfreesboro on Thanksgiving Day. . . . Judy Reeves and her husband, Bob, are visiting their folks in Centerville while on vacation this week.

W. T. Galyon, Fire Prevention and Control, is spending his vacation fox hunting around Harri-man this week.

Bill Davis, Security, spent some time in Kentucky last week—in fact he was there for that Kentucky-Tennessee fracas.

Capt. P. C. Dabbs, Guard, spent that week of vacation in Louisville and in the western part of Kentucky. . . . Congratulations go to Sam Vickery, who was married to Rose Proenza on November 23, in Knoxville. The couple is now on a southern wedding trip.

SUPERINTENDENTS DIVISION

The Technical Information Department extends sympathy to Helen Brown, whose father passed away recently at his home in Murfreesboro. . . . Jean Gasaway vacationed with her folks last week in Oneida. . . . Louise Barry spent last week's vacation at home in Oak Ridge. . . . Dorothy Conner spent last week fixing up her new home in Lenoir City. She went down to Chattanooga for Thanksgiving Day with her folks.

Bill Hubbs, Superintendent's Department, is vacationing at home in Knoxville this week.

Y-12's newest and most exclusive organization is the Chamber Music Society of Lower Poal Kat Ridge, which made its debut at a swank Knox County country club just long enough ago not to be forgotten. Charter members are Arthur Ogden, Carl Cooper, Fred Henry and G. Dobbs. The CMS-LPKR will accept sustaining members, for a reasonable consideration, and guarantees to set the cause of classical music in Oak Ridge back 50 years. Line forms on the right—no hillbilly yodelers need apply.

ALLOY DIVISION

LeRoy Thornton, Alloy, and his family are on a tour of Florida—among the places they plan to visit are Silver Springs, Daytona Beach, Orlando and New Smyrna Beach. . . . John Stricklin is spending this week with relatives in Troy, Tenn. . . . Barbara Guettner is vacationing this week at home in Kingston.

CHEMICAL DIVISION

Carole Humphrey, Product Processing, spent a week's vacation taking life easy around home in Lake City. . . . Pat Barker vacationed down in Mississippi hunting ducks and visiting relatives over in Arkansas. . . . Evelyn Watson and husband, Louis, started last week's vacation by buying a new "88" and taking off to visit relatives in Memphis. . . . Kyle Arnold has returned from a recent week of vacation around home in Byington. He spent his time planting a lawn and strawberry plants—yum yum—Strawberry Shortcake! . . . Spectators at the Ky.-Tenn. football game at Lexington, Ky., included Jack Clouse and wife, Jody, Thelma Bradshaw and husband, Glen,

Mabel Butcher and husband, El-lery, Pauline Williams and husband, Charlie, and Theira Flood and husband, Charles.

Folks in Uranium Processing extend get-well wishes to G. P. McGhee, who is ill in St. Mary's Hospital in Knoxville.

Flo Coefield, Uranium Control, vacationed last week in Berea, Ky. . . . Madeline Franklin is vacationing around Oak Ridge this week. . . . R. D. Smith spent last week's vacation at home in Oak Ridge.

LABORATORY DIVISION

Juanita Moore, Analytical Laboratory, spent last week down in Mississippi with her folks. . . . Anna Ruth Roberson and Elizabeth Patrick spent a recent week end in Louisville, Ky. They were also witnesses to Tennessee's downfall to the Wildcats. . . . Muriel Culbertson vacationed at her home in Surgoinsville. . . . Daisy Ward and her sister, Doris Brogan, Assay Laboratory, were up in Lexington, Ky., for the celebration after Kentucky's win against the Vols. . . . R. L. Jamison spent the week end with a sister in Chicago, Ill. . . . F. E. Clark spent a recent week end in Tullahoma duck and squirrel hunting.

"Oh Where, Oh Where, Has My Little Dog Gone?"

That's a title of an oldie song but to C. F. Hale, a K-25 man, it is his theme for the present. Seems as how a black and white beagle being kept by Hale at his home, 106 West Price Road, Oak Ridge, for a friend, went off on a rabbit chase or some other beagle safari last week and thereby created a state of confusion. Hale said he was told the pup showed up at the Y-12 North Portal parking lot—a fur piece from home even for a beagle on a rabbit chase—where he was supposed to have been picked up by an unidentified Y-12er early Wednesday morning, November 25. The unidentified Y-12er took the dog to the Oak Ridge pound, but didn't leave it there as he was advised to take it to an address shown on the dog's tag. However, the person at that address had moved to unknown parts. Now, Hale is asking anybody knowing the Y-12er who had the dog, or the man himself, to telephone Oak Ridge 5-1463, so that the canine can be taken home.

MANUFACTURING OFFICE DIVISION

The Timekeeping Department extends wishes for a speedy recovery to C. A. Duff, who is ill in St. Mary's Hospital in Knoxville.

R. A. Angel, Property, spent last week vacationing around home in Oakdale. . . . Dee Asbury is on a vacation tour of Washington, D.C., and New York.

Homer Julian, Tool Department, has returned from a week of vacation. . . . The department extends get-well wishes to Shirley Brown, who was on the ailing list last week.

R. V. Brackney, Property Sales, spent last week's vacation with his folks in Louisville, Ky. . . . A welcome goes to Gwenn S. Lindsey, who is the latest addition to the roster.

Receiving and Shipping welcomes G. Proffitt to the roster.

J. D. McGuffin, Stores, and his son spent a few days last week on an open deer hunt—we hope they had good hunting. . . . J. R. Bayless is on a two-week vacation.

DEVELOPMENT DIVISION

Folks in ADP Development extend congratulations to Paul Wilkinson, who is the proud papa of a baby boy born recently in the Oak Ridge Hospital. . . . Ann Mc-

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OAK RIDGE MARINER TROOP OF GIRL SCOUTS, including one daughter of a Y-12er, are assisted by a Y-12 man in learning various nautical facts. From left are Pat Postell, Barbara Sergeant, daughter of O. K. Sergeant, of the Y-12 Maintenance Shops Department; G. J. Angele, of Y-12 Engineering and past commander of the Oak Ridge Power Squadron who taught the girls some tricks of tying knots; Judy Goodlett and Gail Gilliam, whose mother is a Carbide employee in the Y-12 Plant Area. Angele was helped by George Lockhart, Planning and Estimating, not in picture, in teaching the girls about boats. The picture was made by Frank Kertesz, another Carbide employee in the Y-12 Plant Area.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: Avis Collins, Maintenance Shops; Paul L. Cook, Buildings and Grounds; Ruth J. West, Stores; Paul E. Komp, Field Maintenance; Wayne W. Wright, Electrical Maintenance; Wanda Craven, Assay Laboratory; Hester W. Johnson and John H. Briggs, Janitors.

Carbide Employees Active In Nuclear Science Seminar

Carbide employees from the three Company Oak Ridge installations, the Atomic Energy Commission and Naval Reserve Research Companies throughout the country are participating in the Fifth Annual Nuclear Science Seminar being held in Oak Ridge through December 12. The seminar opened November 29 and the Oak Ridge Naval Reserve Research Company is acting as host for the approximately 50 out-of-town visitors to the seminar sessions.

The visitors come from all parts of the country and speakers on the program include Carbide representatives and Naval personnel from Washington. J. C. Bresee, in charge of the Massachusetts Institute of Technology Practice School in Oak Ridge is seminar chairman.

Wife Of Dr. C. E. Larson Succumbed On Sunday Night

The many friends in Y-12 of Dr. C. E. Larson, Director of the Oak Ridge National Laboratory and former Y-12 Plant Superintendent, were shocked to learn of the death of his wife, Mrs. Gertrude Larson on Sunday night. She succumbed to an acute attack of asthma at her home, 103 Oneida Lane. Mrs. Larson was a social and civic leader in Oak Ridge. In addition to her husband, she is survived by one son, Robert.

BOYER BACK WITH ESSO

Marion W. Boyer, former general manager of the Atomic Energy Commission, has returned to the post of vice president, director and member of the executive committee of the Standard Oil Co., according to the New York Times.

AICHE Will Hear Talk By UT Teacher

A large number of Y-12 members of the Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers are expected to be on hand for the December meeting of the section at 6:45 p.m., tomorrow night, Thursday, December 3. The session will be held in Room 5 of the S. & W. Cafeteria in Knoxville.

Speaker for the meeting will be Dr. Fred N. Peebles, assistant professor of chemical engineering at the University of Tennessee. His topic will be "Visualization of Liquid Flow Phenomena. In his talk Dr. Peebles will describe the use of organic dyes for depicting stresses in a moving liquid and will show moving pictures to illustrate the nature of fluid flow patterns.

During the meeting the election committee of the section will announce the names of recently elected officers for the coming year.

10 Years Service

Congratulations to the following Y-12ers who will complete 10 years of Company Service within the next few days—

Jack W. Garland, Stores, December 3.

Harry B. Bainbridge, Jr., Superintendents, December 6.

Thelma I. Knisley Assay Laboratory, December 6.

Shirley I. Brown, Tool, December 6.

Bert A. Clark, Field Maintenance, December 6.

Vertner H. Culbertson, Maintenance Shops, December 6.

Reginald S. Ware, Technical Engineering, December 6.

Rides Wanted, Offered

Riders Wanted—From Northeast section of Knoxville, straight day. A. C. Klinec, plant telephone 7408, home telephone 3-6431, Knoxville.

Ride Wanted—From Maryville to West Portal, straight day. A. L. Tilley, plant telephone 7515.

Riders Wanted—From vicinity of Airplane Filling Station, Knoxville-Clinton Pike, straight day. E. F. Nickle, plant telephone 7749, home telephone 4113, Ext. 116, Knoxville.

Ride Wanted—From East Knoxville, Group No. 4. J. E. Cartledge, plant telephone 7740.

ROBINS OPEN BASKETBALL CARD NEXT WEDNESDAY

Fishing Contest Nearing Finish

**Fine Prizes Offered
Winners In Big Event**

Y-12 fishermen are reminded that only 29 more days remain in the big 1953 Annual Fishing Contest. The event officially closes at midnight, December 31.

Fishermen have until January 15 to send entry blanks with results and photographs to the Recreation Office, North Portal, for consideration for prizes offered to the winners in the different classes of fish. Winners will be announced after the official deadline of January 15.

Prizes will be given in various species of fish including largemouth, smallmouth and striped bass, walleyed pike, crappie, bream, trout, catfish, drum and carp. A clear photograph of the fisherman posing a side view of his catch must accompany each entry and no contestant may receive more than one award in any one division.

The field is still wide open for prizes and entry blanks may be obtained from the Y-12 Recreation Office. There is no entry fee and all Y-12 anglers are urged to get their entries into the contest as soon as possible.

Spotters Top Rams In Mixed League

The improving Spotters made history in the Mixed League last week at the Central alleys as they handed the front running Rams a four-point whitewashing. Whitewash victories were common around the loop as the Papis turned in a neat victory over the Hubs and the Cards also dealt the Pin Balls a blanking. A three-point win was turned in by the Wheels over the hustling Ponies.

The Papis stroked a 624 scratch game and a 1751 scratch series while the Cards rolled a 784 handicap single and a 2211 handicap series. Individual scoring honors for the week went to Juanita Pitt, Papis, as she swept the boards with a 180 scratch game, boosted to 215 with handicap, a 502 scratch series, increased to 607 with handicap. Gib Hatmaker, Cards, rolled a 180 scratch game while Howard Horne, Wheels, turned in a fine 215 handicap game. J. D. Brown, Papis, tallied a 462 scratch series and Bill North, Papis, chalked up a 597 handicap series.

League standing follows:

Team	W	L
Rams	31	9
Wheels	27	13
Papis	23	18
Cards	21½	18½
Hubs	18	22
Ponies	15	25
Spotters	15	25
Pin Balls	9½	30½

Rifle Team Scores 14-Point Total

The Y-12 rifle team of the Oak Ridge Indoor Rifle League had a rough time last week as they finished fourth in scratch firing and fifth in handicap totals. The scores for the various teams are computed on a weekly basis and the Y-12ers wound up with a total of 14 points for the week.

Scratch scores for Y-12 were led by W. R. McIntosh with 168; followed by W. D. Cunningham 163; C. G. Brewster 162; and R. L. Vanderpool 132. Handicap firing was paced by McIntosh with 193.963; followed by Brewster 193.920; Cunningham 190.664; and Vanderpool 189.120.

Carl Brewster, captain of the Y-12 team, can use more shooters and anyone interested is urged to call Brewster at the Medical Department, telephone 7554.



THIS LUSCIOUS CRAPPIE formerly was a native of Watts Bar Lake before he was lured from his watery residence to a frying pan, with time out to be entered in the Annual Y-12 Fishing Contest, by Ross Eichorn, of Property Sales. The fish was caught near Eagle Lodge on a minnow. Y-12 anglers are reminded that the Y-12 Annual Fishing Contest runs for the remainder of the year and that a lot of the big ones haven't been caught yet.

Y-12 Pistol Team Firing In City Loop

The Y-12 pistol team, headed by John Gallimore of Health Physics, is off and shooting in the Oak Ridge Winter Pistol League. The Y-12ers have amassed a total of 15 points, which was computed after the second week of firing. K-25 was leading the circuit with 24 points.

Results of the third week of firing saw Gallimore leading the scratch scores with a 245; followed by T. J. Bush 239; P. H. Williams 232; C. G. Brewster 193; and J. V. Bibee 188 for a total of 1097. Handicap firing saw Bush lead the Y-12ers with 289.410; followed by Bibee 287.568; Gallimore 285.766; H. E. Dake 285.693; and Brewster 284.560 for a total handicap score of 1432.997.

New Team To Roll In Y-12 B League

The Y-12 B Bowling League, which rolls at the Oak Terrace alleys at 6 p.m., each Thursday, will have a new team to replace the ADP which has been dropped from the league. Carl Frazier, of ADP, will captain the new pinsters. No new name has been given the new representative as yet.

The greatest failure of all is the man who fails even to try.

Plant League Meeting Held

**Six Teams Are Set
For Basketball Play**

A lively session of Y-12 Plant League basketball managers was held last week at the Recreation Office. The main item on the agenda was the discussion for the organization of a Y-12 Plant Basketball League this season.

Six teams were represented in the circuit and they are listed as follows with managers:

Maintenance, Morris Bailis, manager.
Duds, Charley Peterson, manager.

Plant Protection, M. L. Woodward, manager.

Engineers, Walter Simmons, manager.

ADP, Carl Frazier, manager.

A team not named, managed by B. B. Coulter.

There is a possibility of two more teams being entered in the loop which would make an eight team league.

Space for practice sessions is available on each Monday night, at Jefferson Junior High School from 6 to 11 p.m. The gymnasium space may be reserved through the Y-12 Recreation Office, North Portal, telephone 7753, on a first come, first served basis.

Any Y-12 employee interested in joining one of the plant league teams is urged to communicate with the Recreation Office and the names will be referred to one of the managers. As it has been pointed out before, experience is not at all necessary to play in the plant league, just the desire to play. Provision for wholesome recreation is the objective of all plant league activities.

A complete plant league basketball schedule will be published later in The Bulletin.

Volleyball League Nearing Finish Line

Everything is in a turmoil in the Y-12 Plant Volleyball League as three teams are tied for the top spot. The season is scheduled to be completed on Monday night, December 7 so all the teams are battling right down to the last wire. The Jumping Jax, captained by Bill Moles, took three big points from Maintenance last week while the Uranium Control Junior Varsity took a forfeit victory from the Duds.

The Oak Ridge City Volleyball League will begin play within the next few days with a varsity team from Y-12 entered in the league. Anyone interested in playing on the team is urged to call the Recreation Office, North Portal, telephone 7753.

Cardinals Entered In Knoxville Loop With Play Starting After January 1

**Y-12 Women Cagers Performing In Ridge League;
Games Will Be Played At High School Gymnasium**

The Y-12 varsity basketball teams, namely the Robins and Cardinals, will begin their regular season play within the next few days. After several weeks of preparation the teams are now ready to furnish keen competition for all opposition.

The Robins will play in the Oak Ridge City League, competing with K-25, Legionettes and Oak Ridge Institute of Nuclear Studies for the league title. The Y-12 sextet will start the season next Wednesday night, December 9, at 9 p.m., at the Oak Ridge High School gymnasium against the ORINS lassies.

The second round of play on December 16 will pit the Robins against the Legionettes in the 7:30 p.m. game, after which the K-25 and ORINS teams will clash at 9 p.m.

The Y-12 women will be piloted by Recreation Supervisor, Bill Stanton. The assistant coach will be Bill Pratt, of ADP Maintenance. Squad members for the Robins this season include Bonnie Roberts, Ruby O'Kain, Helen Brown, Peggy Cowan, Jean Gwinn, Peggy Crews, Nell McGinnis, Joan Howard, Pat Bryant, Lois Secrist, Clogene Keene, Geneva Gearing and Regina Camp.

The Y-12 feminine cagers also will play in the Knoxville Milk Fund Tournament, which is starting Monday night, December 7, in Knoxville.

The Cardinals are ready to go when the first gun sounds and the men are determined to give an all out performance in each contest. Coach Carl Sanders has been working hard with the Cardinals, who include Louis Fitzgerald, Walter Lovell, Ralph Langsjoen, James Seivers, Jim Turner, Hill Henry, Fred Harding, Charley Osborne, Herb Oliver, Bill Helton and Sewell Brown.

The Cardinals will participate in the Knoxville Metro League as there will not be an Oak Ridge Men's City League this year. The Metro League will play on Monday and Wednesday nights of each week at Chilhowee Park gymnasium in Knoxville, beginning January 4. Several exhibition games also will be played by the Y-12 men against strong teams from this area before the Metro League play starts.

recreation Office, North Portal, telephone 7753.

The schedule for Monday, December 7, has the Jumping Jax paired against the Duds at 6 p.m. and UCJV against Maintenance at 7 p.m.

Team	W	L
Duds	6	3
Jumping Jax	6	3
UCJV	6	3
Maintenance	0	9

Y-12 SPORTS

C Loop Contenders Tied For Top Spot

The Rusty Five and Glass Arms are running neck and neck in the C League after last week's bowling activities were finished. Both of the league leaders turned in whitewash victories, Rusty Five with a forfeit over the Wash Ups, which have dropped from the league, and the Glass Arms, which blanked the hard fighting Screw Balls. Three-point wins were turned in by the Hornets and Uranium Control Junior Varsity over the Cant Hooks and Hooks, respectively.

Team honors for the week were hogged by the hard rolling Rusty Five, who swept across the boards with a 794 scratch game, boosted to 986 with handicap, a 2278 scratch series, boosted to 2854 with handicap. UCJV got into the act with a 986 handicap game. "Paddy" Peckman, Rusty Five, rolled a 205 scratch game, boosted to 232 with handicap. E. B. Galloway, Hooks, had a good night at the alleys with a 522 scratch series, increased to 612 with handicap.

League standing follows:

Team	W	L
Rusty Five	35	13
Glass Arms	35	13
Hornets	31	17
Hooks	25	23
Cant Hooks	24	24
UCJV	18	30
Screw Balls	12	36

Varsity Pinmen Lose To City League Foes

The upsy-downsy Y-12 men's varsity keglering club dropped a three-point defeat to the Warner-Guy Co. bowlers in the Oak Ridge City League on November 23 after being on the winning side of their last two or three previous encounters. The Y-12ers' line score was 884, 865, 770-2519, to 890, 839, 826-2555 for the opposition.

George Schierbaum, a newcomer to the varsity team this season, topped the Y-12ers with a respectable series of 539, composed of games of 187, 182 and 170. Following him were Ernie Cobble 170, 203 (top Y-12 score of the night), 147-520; Joe Pryson 178, 163, 162-503; Frank Gragg 193, 137, 167-497; and Jack Spears 156, 180, 124-460.

Badminton Teams Planned For Y-12

Badminton players are needed for the Y-12 teams which will play in the Oak Ridge City Badminton Leagues. Teams will be formed for both men and women for action in the city loops.

Any Y-12ers interested in playing on a Y-12 team are urged to call Spence Wallace, Bldg. 9212, telephone 7135 or the Y-12 Recreation Office, North Portal, telephone 7753.

The sport is being revived in Y-12 after an absence of two years. Several players have signed up for the teams but a few more are needed to round out complete teams.



ALTHOUGH ON THE BOTTOM OF THE D LEAGUE STANDINGS, THE VECTORS, pictured at left above, have been giving the opposition a lot of trouble throughout the season. From left are John Moynihan, Roger Sherman, Bill Evers, Frank Stanfel, Lynn Noey and Paul Lawless. At right are the Cards team of the Mixed League, composed of two married couples. From left are Lucille and Gib Hatmaker and Verna and Paddy Peckman.



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A Division Of
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Dance Party Tickets Are Placed On Sale

Continued from Page 1

a group of youngsters. The Oak Ridge High School auditorium will seat 1,400 people and it is expected to be packed at each of the four parties.

Parties To Be Identical

Each of the parties will be identical with old Santa Claus greeting all of the youngsters. Each one will receive a Christmas stocking filled with gifts. Group singing will be a feature of the program as well as the showing of several movies for the children.

All Y-12 parents who have not sent in their application for tickets are urged to do so as soon as possible. Be sure to mark the first and second choice of times on the blank. The applications are being filled on a first come, first served basis. The deadline for submitting the application blanks has been set at 4:30 p.m., Wednesday, December 16. Tickets will be mailed to the homes of employees requesting them in plenty of time before the children's parties.

Physics Seminar Sets Two Meetings In Coming Week

The Oak Ridge Physics Seminar will resume meetings this week with a session scheduled for Friday afternoon, December 4 at 3:15 p.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. All Y-12ers interested in the sessions are invited to attend. N. H. Lazar, of the ORNL Physics Division, will be the speaker. His subject will be "Scintillation Spectroscopy Using Large NaI (Tl) Crystals."

Another session of the seminar will be held at 4 p.m. next Wednesday, December 9, in the West Lounge of the Ridge Recreation Hall. The speaker will be Prof. Pierre Jacquot, of the Sorbonne University, Paris, France, one of Europe's leading scientists. He will speak on "Fundamental Spectroscopic Research at Laboratories de Bellevue."

Remember the "two Cs" of safety—Caution and Carefulness.



Continued from Page 2

Williams spent some time with an aunt in Washington, D. C., while on vacation last week. . . . **Harvey Kite** visited in Baltimore, Md., while on a week of vacation.

Betty Sue Davis, SDA Development, spent last week with her parents in Belmont, Miss. . . . The department extends sympathy to **Charles Piper** on the recent death of his father in Columbia, S. C.

Thelma Carnes, Project Design Development, spent last week's vacation at home in Knoxville.

Folks in Project Construction Development extend get-well wishes to **Frances Willie**, who is ill with the flu.

MAINTENANCE DIVISION

The ADP Maintenance Department welcomes **J. W. Fox, Jr., R. G. Hill, E. W. Weaver** and **V. J. Harber** to the roster. . . . A speedy recovery is wished for **Boyd Buck**, who is suffering from a broken ankle. . . . Vacationers this week are **C. L. Cossage, G. E. Fisher** and **G. A. Norman**.

M. H. Strickland and **P. E. Brownfield**, Buildings and Grounds, are on this week's vacation list. . . . **A. F. Ogden** was one of the nimrods on that two-day managed deer hunt last week in the Central Peninsula.

J. W. Nelson, Transportation, is vacationing this week.

Research Services Department extends sympathy to **T. J. Walters** on the recent death of his father-in-law.

The Salvage Department welcomes **Mallie Patterson** back to work after an absence because of illness.

L. Davis, Planning and Estimating, has returned to work after a restful vacation at home in Oak Ridge.

J. O. Harvey, Field Maintenance, is spending his time bird hunting around Crossville this week. . . . The department welcomes **D. T. Abernathy, R. J. West, R. L. McKinney, J. C. Ryall, C. Mills, R. H. Singleton, L. Harrison** and **C. J. Cumble** to the roster. . . . Sympathy is extended to **V. C. Escue** over the recent death of his mother-in-law in Lawrenceburg, Tenn. . . . Get-well wishes are extended to the folks on last week's sick list who are **U. R. Waddell, B. B. Bennett, P. E. Kompa, E. R. McConkey** and **H. M. Smith**.

J. A. Braden, Utilities Maintenance, is vacationing this week.

Folks in Maintenance Shops extend get-well wishes to the fellows on the sick list, who are **Avis Collins, E. A. Fritts, L. D. Smith** and **R. F. Graham**. . . . A welcome is extended to the new employees, who are **C. S. Smith, H. J. Tyl** and **M. L. Petty**. . . . **J. W. Young** and family spent Thanksgiving Day with relatives in Corbin, Ky. . . . **R. E. Monger** spent the holiday with his family in Chattanooga. . . . **Fred Vaughn** spent last week at home in Powell. . . . **F. A. Starnes** and family vacationed last week in Asheville, N. C. . . . **Sam Shultz** and **Eddie Webster** formed a golf twosome for a one-up win over **Floyd Ludwig** and **Jim Patterson** on a recent Sunday over at the Lenoir City links. . . . **C. O. Mathena, George Ferrell, George Stines, R. V. Hawk, Bill Adecock, Electrical Maintenance, H. H. Adecock, Transportation, and Duane Lankford**, son of **G. W. Lankford**, got their deer the first day out on the managed deer hunt at the Central Peninsula last week. . . . **Buz Strunk**, Tool Department and **A. V. Bible**, Stores, were among the ones out for the second day's try.

George Oliphant, Electrical Maintenance, and **Tudor Boyd** vacationed last week down at Athens, Tenn., where they got in on a deer hunt at Fall Creek Falls. . . . **Mildred Langley** spent last week visiting a brother in Ken-

Carbide Man Writes Book On Metallurgy

J. G. Henderson of the South Charleston, W. Va., plant of Carbide and Carbon Chemicals Company, is the author of the "Metallurgical Dictionary," recently published by the Reinhold Publishing Co. More than 5,000 terms, essential in both production and physical metallurgy, have been defined and described in his book.

Book Took 14 Years

The compilation of a comprehensive metallurgical dictionary has been no easy task. In fact, it has taken Henderson 14 years of exacting evening and week-end labor! This has been double duty since this spare-time activity has actually been of unusual value in supplementing his full-time work as Staff Engineer on Standards in the Chemical Company's Construction and Design Department. Henderson has been assisted by J. M. Bates, Engineer at the South Charleston plant, in compiling the "Metallurgical Dictionary."

Heretofore, there has been no complete dictionary covering the broad field of metallurgy. The resulting work is essentially a compilation and correlation of definitions taken from a vast source of technical literature. In addition, "Metallurgical Dictionary" includes original definitions of a large number of terms that are accepted and discussed, but not concisely defined in modern metallurgical literature. Throughout, the objective has been to assemble in an orderly and comprehensive manner—within a single volume—definitions of those terms considered essential to an understanding of the metallurgical literature.

Fills Long-Standing Need

Because it will no longer be necessary to refer to a library of metallurgical literature in an effort to obtain information, it is believed that Henderson's book fills a long-standing need in the metal industries for a usable, up-to-date source of reference.

tucky. . . . **H. A. Sinclair** vacationed last week in Telford, Tenn. . . . **Alfred T. Wallace** is on a two-week vacation. . . . Others returning from a week's vacation are **Tom Hendrix, C. N. Crawley**, and **H. D. Christie**. . . . The department extends get-well wishes to **W. W. Wright**, who was on last week's sick list.

ENGINEERING DIVISION

John Moynihan, Chemical and Industrial Engineering, had a big time on last week's vacation in Miami, Fla. . . . **Roy McKnight** and wife made the trip down with Moynihan to visit relatives in Miami.

John Snyder, Technical Engineering, planned to visit New York while vacationing last week.

Emil Sienknecht, Photographic, spent his week off around home in Knoxville.

A well-known Y-12 gent was cornered at a recent party and quizzed quite at length about his ancestry by a blue-blooded lady very society-conscious.

"Were any of your ancestors men of note?" she asked.

"Well," said the Y-12er who has considerable background as a boating enthusiast, "one of them was the most famous admiral of his day. He commanded the allied naval forces of his day."

"Do tell," replied the lady, "and what was his name?"

"Noah," declared the Y-12er as he ducked away.

SUBS ONLY PARTIAL THREAT

Defense Secretary Charles Wilson recently told the National Press Club that the possibility of an atomic attack from a Russian submarine is just a "piece" of the overall Soviet threat, according to the Associated Press.

Orphans Tie Peons For D Loop Lead

Bowling action in the D League last week saw the improving Orphans, captained by George Riddle, clip the Peons for three points to throw the league into a deadlock for first place. Other league action found the Unknowns and Sooners dividing their four points during the night while the cellar dwelling Vectors spanked the Rollers by a three-point margin.

Team totals saw the Orphans blast the maples with a 801 scratch game, boosted to 969 with handicap, going on to roll a 2244 scratch series, increased to 2748 with handicap. Clyde Smith, Orphans, rolled a 191 scratch game and Charley Peterson, Sooners, tallied a 233 handicap game. Scratch series honors for the week belonged to Hobe Thomas, Vectors, with a 499 while "Andy" Anderson, Peons, rolled a 589 handicap series.

League standing follows:

Team	W	L
Peons	26	14
Orphans	26	14
Sooners	24	16
Rollers	16	24
Unknowns	15	21
Vectors	11	25

IT'S FOR THE BIRDS

A Reuters News Agency dispatch from Australia says Melbourne pigeon owners have blamed atomic blasts at Woomera for the disappearance, five days later, of birds racing from Bookla to Melbourne. It is claimed radioactive waves neutralized magnetic wave instincts believed to guide pigeons home.

Attendance Record

MAJOR LEAGUE More Than 50 Employees Scheduled			
Dept.	Absent Percentage	11-22-53	11-15-53
2077	1.66	1	2
2108	1.66	1	10
2003	1.72	3	9
2690	1.73	4	6
2619	1.95	5	1
2026	1.97	6	8
2091	2.1	7	4
2018	2.2	8	18
2008	2.5	9	15
2617	2.55	10	7
2142	2.56	11	16
2618	2.7	12	5
2257	3.0	13	13
2014	3.4	14	12
2005	4.5	15	19
2252	4.7	16	14
2060	4.8	17	11
2001	5.0	18	20
2015	5.8	19	17
2002	6.0	20	3

Group absentee percentage was 2.9 per cent, .2 per cent lower than the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled			
Dept.	Absent Percentage	11-22-53	11-15-53
2093	0.0	1	1
2301	0.0	1	4
2143	0.0	1	5
2107	0.0	1	9
2145	0.8	5	7
2200	1.4	6	1
2090	1.5	7	6
2025	3.0	8	12
2216	3.38	9	1
2144	3.40	10	10
2743	5.0	11	8
2096	5.3	12	15
2046	7.0	13	13
2094	8.8	14	11
2140	8.9	15	14

Group absentee percentage was 2.7 per cent, .8 per cent higher than the preceding week.

The plant average for the week ending November 22 was 2.9 per cent, .1 per cent lower than the preceding week.

A hangover is something to occupy a head that wasn't used the night before.

Application For Tickets

To

**Christmas Parties For Children of Carbide Employees
Two To 10 Years Old, Inclusive**

Monday, Tuesday, December 21 - 22, Oak Ridge High School

EMPLOYEE'S NAME _____ BADGE NO. _____

HOME ADDRESS _____

(Please Print, Street Address, R.F.D., City)

NUMBER OF TICKETS NEEDED, including parent _____

— Time Preferred —

Monday, December 21—10 a.m. _____ 1 p.m. _____

Tuesday, December 22—10 a.m. _____ 1 p.m. _____

Gamble Valley, Tuesday, December 22 — 11 a. m. _____

Please check first and second choice as only a limited number of tickets will be issued for each party. Preference will be given early applicants and if tickets for first choice are exhausted tickets for second choice will be issued.

— Names of Children Only —

1. _____ 2. _____ 3. _____
4. _____ 5. _____ 6. _____

Return this form, properly filled out, **immediately** to the Y-12 Recreation Office, Bldg. 9701-1, North Portal. The required number of tickets will be mailed to parents at their **HOME ADDRESS**.